

A METHOD, APPARATUS, AND SYSTEM FOR  
IDENTIFYING AND EFFICIENTLY TREATING CLASSES OF TRAFFIC

ABSTRACT OF THE DISCLOSURE

An approach for processing packets for transmission over a satellite communications network is disclosed. A communication system includes a satellite terminal that provides connectivity for a host. The satellite terminal includes a user interface that receives a packet associated with an application from the host, and classification logic that classifies the packet into one of a plurality of transport services based upon the corresponding application. The satellite terminal also includes a mapping logic that maps the one transport service to one of a plurality of packet delivery services, wherein the one packet delivery service provides transmission of the packet to the satellite. The system also includes a hub that is configured to communicate with the satellite terminal over the satellite to provide the plurality of packet delivery services.